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Atty. Dkt. No. SALK2270.US5
(088802-5212)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Evans et al.

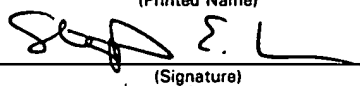
Title: NOVEL STEROID-ACTIVATED
NUCLEAR RECEPTORS AND USES
THEREFOR

Appl. No.: 10/081,555

Filing Date: 02/20/2002

Examiner:

Art Unit: 1632

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TRANSMITTAL SHEET

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for the above-identified application please find:

- Information Disclosure Statement
- Copies of Form PTO-1449 from co-pending applications
- Postcard

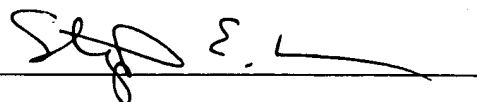
No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of any fee to Deposit Account No. 50-0872.

Respectfully submitted,

Date

8/19/02

By



FOLEY & LARDNER

Customer Number: 30542

30542

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PATENT TRADEMARK OFFICE

Telephone: (858) 847-6711

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Stephen E. Reiter

Attorney for Applicant

Registration No. 31,192

#8

Atty. Dkt. No. SALK2270.US5
(088802-5212)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Evans et al.
Title: NOVEL STEROID-ACTIVATED
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INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents

Washington, D.C. 20231

Sir:

Applicants submit, for consideration by the examiner, references relating to the above-identified application. For the convenience of the examiner, these references are listed on the attached Forms PTO-1449 that were filed in co-pending parent application Serial No. 09/458,366 filed 12/09/1999, of which this application is a divisional, as well as application Serial No. 09/227,718 filed 01/08/1999 and application Serial No. 09/005,286 filed 01/09/1998, of which the parent application is a continuation-in-part. As provided in 37 CFR §1.98(d), copies of the documents listed on the form are not being provided since they were previously submitted to the United States Patent & Trademark Office.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

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Atty. Dkt. No. SALK2270.US5
(088802-5212)

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Respectfully submitted,

Date

8/19/02

By

Stephen E. Reiter

FOLEY & LARDNER
Customer Number: 30542
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PATENT
Attorney Docket No.: SALK2270

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Evans and Blumberg

Serial No.: 09/005,286

Filed: January 9, 1998

For: NOVEL STEROID-ACTIVATED
NUCLEAR RECEPTORS AND
USES THEREFOR

) Group Art Unit: 1643

) Examiner: Unassigned

) CERTIFICATION UNDER 37 CFR § 1.7

) I hereby certify that the documents referred to as
enclosed herein are being deposited with the United
States Postal Service as first class mail on this date,
7/8/98, 1998, in an
envelope addressed to: Assistant Commissioner for
Patents, Washington, D.C. 20231

) Stephen E. Reiter, Reg. No.: 31,192

) (Name of person mailing paper)

) Signature

Date

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Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and a copy of each is enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

In re Application of:
Evans and Blumberg
Serial No.: 09/005,286
Filed: January 9, 1998
Page 2

PATENT
Attorney Docket No.: SALK2270


No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 07-1895.

Respectfully submitted,

7/8/98
Date

Stephen E. Reiter
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GRAY CARY WARE & FREIDENRICH LLP
4365 Executive Drive, Suite 1600
San Diego, CA 92121-9989

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|---|---|----------------------------------|
| FORM 1449  US Department of Commerce Patent and Trademark Office | ATTY DOCKET NO.: SALK 2270 | SERIAL NO.: 09/005,286 |
| | APPLICANT(S): Evans and Blumberg | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | FILING DATE: Jan. 9, 1998 | GROUP ART UNIT: 1643 |

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U.S. PATENT DOCUMENTS

AUG 30 2002

| EXAM. INITIALS | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | DATE |
|-------------------|--------------------|------|------|-------|---------------|------|
| | NONE | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAM. INITIALS | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION (YES/NO) |
|-------------------|--------------------|------|---------|-------|---------------|-------------------------|
| | NONE | | | | | |



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

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| EXAMINER | DATE CONSIDERED |
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| FORM 1449  US Department of Commerce Patent and Trademark Office | ATTY DOCKET NO.: SALK 2270 | SERIAL NO.: 09/005,286 |
| | APPLICANT(S): Evans and Blumberg | |
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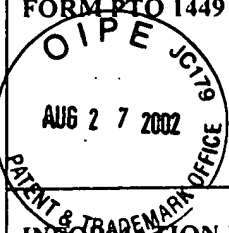
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| FORM PTO 1449 US Department of Commerce Patent and Trademark Office  | ATTY DOCKET NO.: SALK 2270 | AUG 30 2002 SERIAL NO.: TECH CENTER 1600/290 |
| | APPLICANT(S): Evans and Blumberg | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | FILING DATE: Jan. 9, 1998 | GROUP ART UNIT: 1643 |

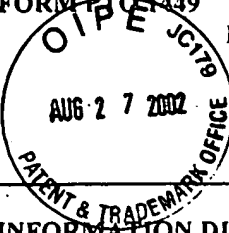
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| | APPLICANT(S): Evans and Blumberg | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | FILING DATE: Jan. 9, 1998 | GROUP ART UNIT: 1643 |

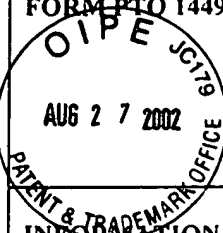
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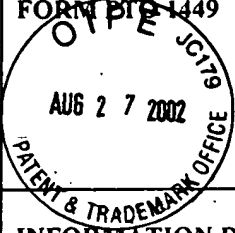
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| FORM PTO 1449 US Department of Commerce Patent and Trademark Office  | ATTY DOCKET NO.: SALK 2270 | SERIAL NO.: TECH CENTER 1600/2901 |
| | APPLICANT(S): Evans and Blumberg | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | FILING DATE: Jan. 9, 1998 | GROUP ART UNIT: 1643 |

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| FORM 1449 US Department of Commerce Patent and Trademark Office  | ATTY DOCKET NO.: SALK 2270 | SERIAL NO.: 09/005,286 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | APPLICANT(S): Evans and Blumberg | |
| | FILING DATE: Jan. 9, 1998 | GROUP ART UNIT: 1643 |

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Applicant: Evans and Blumberg

Title: NOVEL STEROID-ACTIVATED
NUCLEAR RECEPTORS AND
USES THEREFOR

Appl. No.: 09/005,286

Filing Date: January 9, 1998

Examiner: M.K. Zeman

Art Unit: 1631

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|---|
| CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on the date below. <u>Stephen E. Reiter</u> (Printed Name) <u>[Signature]</u> (Signature) <u>December 26, 2001</u> (Date of Deposit) |
|---|

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97(c)

Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

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TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(c), before the mailing date of either a final action under 37 CFR §1.113, a notice of allowance under 37 CFR §1.113, or an action that otherwise closes prosecution in the application.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

FEE

A fee in connection with submission of an supplemental information disclosure statement under 37 CFR §1.97(c) in the amount of \$180.00 in accordance with 37 CFR §1.17(p) is attached.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise

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(088802-5201)

improper or informal or even entirely missing, the Commissioner is authorized to charge
the unpaid amount to Deposit Account No. 50-0872.



Respectfully submitted,

Date: December 26, 2001

By

A handwritten signature in dark ink, appearing to read "Stephen E. Reiter", written over a horizontal line.

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402 West Broadway
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San Diego, California 92101-3542
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Attorney for Applicant
Registration No. 31,192

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Page 1 of 1

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|---|--|---------------------------------|--------------------------|
| Form PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. SALK2270 | SERIAL NO. 09/005,286 |
| INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) | | APPLICANT Evans and Blumberg | |
| | | FILING DATE 01/09/1998 | GROUP ART UNIT 1631 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE |
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| | | | | | | | YES | NO |
| | A1 | WO 99/19354 | 4/22/99 | PCT (Berkenstam et al.) | | | | |
| | A2 | WO 99/48915 | 9/30/99 | PCT (Kliewer et al.) | | | | |
| | A3 | WO 99/61622 | 12/2/99 | PCT (Liddle et al.) | | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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* **EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

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| FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office | Docket No. SALK2270-1 | Serial No.: 09/227,718 |
| | Applicant(s): Ronald M. Evans | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Filing Date: January 8, 1999 | Group Art Unit: 1603 |

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| EXAM. INITIALS | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILED DATE |
|-------------------|----|--------------------|----------|-----------------|-------|---------------|---------------|
| | AA | 4,160,152 | 07/03/79 | Wightman et al. | 219 | 438 | 12/04/78 |
| | AB | 4,256,108 | 03/17/81 | Theeuwes | 128 | 260 | 05/21/79 |
| | AC | 4,265,874 | 05/05/81 | Bonsen et al. | 424 | 15 | 04/25/80 |

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| EXAM. INITIALS | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATIO N (YES/NO) |
|-------------------|--|--------------------|------|---------|-------|---------------|-----------------------------|
| | | NONE | | | | | |

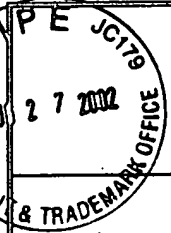
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| | AE | Altschul et al., "Basic Local Alignment Search Tool," <i>J Mol. Biol.</i> , 215:403-410 (1990) |
| | AF | Baes et al., "A New Orphan Member of the Nuclear Hormone Receptor Superfamily That Interacts with a Subset of Retinoic Acid Response Elements," <i>Molecular and Cellular Biology</i> , 14(3):1544-1552 (1994) |
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| FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office | Docket No. SALK2270-1 | Serial No.: 09/227,758 RECEIVED AUG 30 2002 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Filing Date: January 8, 1999 | Group Art Unit: 1643 TECH CENTER 1600/29 |

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|  | AI | Barwick et al., "Trans-species Gene Transfer for Analysis of Glucocorticoid-Inducible Transcriptional Activation of Transiently Expressed Human CYP3A4 and Rabbit CYP3A6 in Primary Cultures of Adult Rat and Rabbit Hepatocytes," <i>Molecular Pharmacology</i> , 50:10-16 (1996) |
| | AJ | Beato et al., "Steroid Hormone Receptors: Many Actors in Search of a Plot," <i>Cell</i> , 83:851-857 (1995) |
| | AK | Beaune et al., "Isolation and sequence determination of a cDNA clone related to human cytochrome P-450 nifedipine oxidase," <i>Proc. Natl. Acad. Sci.</i> , 83:8064-8068 (1986) |
| | AL | Blumberg et al., "Novel retinoic acid receptor ligands in <i>Xenopus</i> embryos," <i>Proc. Natl. Acad. Sci.</i> , 93:4873-4878 (1996) |
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| | AN | Burger et al., "Paradoxical transcriptional activation of rat liver cytochrome P-450 3A1 by dexamethasone and the antigluocorticoid pregnenolone 16 α -carbonitrile: Analysis by transient transfection into primary monolayer cultures of adult rat hepatocytes," <i>Proc. Natl. Acad. Sci.(USA)</i> , 89:2145-2149 (1992) |
| | AO | Denison and Whitlock, "Xenobiotic-inducible Transcription of Cytochrome P450 Genes," <i>Journal of Biological Chemistry</i> , 270(31):18175-18178 (1995) |
| | AP | Devereux et al., "A comprehensive set of sequence analysis programs for the VAX," <i>Nucleic Acids Research</i> , 12:387-395 (1984) |
| | AQ | Edwards et al., "Changes in Cortisol Metabolism Following Rifampicin Therapy," <i>The Lancet</i> , 2:549-551 (1974) |
| | AR | Elshourbagy and Guzelian, "Separation, Purification, and Characterization of a Novel Form of Hepatic Cytochrome P-450 from Rats Treated with Pregnenolone-16 α -carbonitrile," <i>Journal of Biological Chemistry</i> , 255:1279-1285 (1980) |
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| FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office | Docket No. SALK2270-1 | Serial No.: 09/227,718 RECEIVED |
| | Applicant(s): Ronald M. Evans AUG 30 2002 | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Filing Date: January 8, 1999 | Group Art Unit: 1643 TECH CENTER 1600/291 |

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|  | AT | Evans, Ronald M., "The Steroid and Thyroid Hormone Receptor Superfamily," <i>Science</i> , 240:889-895 (1988) |
| | AU | Fernandez-Salguero and Gonzalez, "The CYP2A gene subfamily: species differences, regulation, catalytic activities and role in chemical carcinogenesis," <i>Pharmacogenetics</i> , 5:S123-S128 (1995) |
| | AV | Forman et al., "Unique Response Pathways Are Established by Allosteric Interactions among Nuclear Hormone Receptors," <i>Cell</i> , 81:541-550 (1995) |
| | AW | Forman et al., "Hypolipidemic drugs, polyunsaturated fatty acids, and eicosanoids are ligands for peroxisome proliferator-activated receptors α and δ ," <i>Proc. Natl. Acad. Sci. USA</i> , 94:4312-4317 (1997) |
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| | AZ | Gonzalez, Frank J., "Human cytochromes P450: problems and prospects," <i>TIPS Reviews</i> , 13:346-352 (1992) |
| | BA | Gottlicher et al., "Fatty acids activate a chimera of the clofibrilic acid-activated receptor and the glucocorticoid receptor," <i>Proc. Natl. Acad. Sci. USA</i> , 89:4653-4657 (1992) |
| | BB | Guengerich, F. Peter, "Metabolism of 17 α Ethynylestradiol in Humans", <i>Life Sciences</i> , 47:1981-1988 (1990) |
| | BC | Hankinson, Oliver, "The Aryl Hydrocarbon Receptor Complex," <i>Annu. Rev. Pharmacol. Toxicol.</i> 35:307-340 (1995) |
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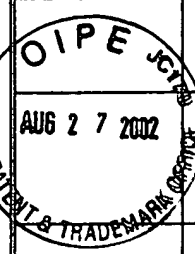
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| FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office | Docket No. SALK2270-1 | Serial No.: 09/227,718 |
| | Applicant(s): Ronald M. Evans | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Filing Date: January 8, 1999 | Group Art Unit: 1643 |

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|  | BE | Henikoff and Henikoff, "Amino acid substitution matrices from protein blocks," <i>Proc. Natl. Acad. Sci. USA</i> , 89:10915-10919 (1992) |
| | BF | Heuman et al., "Immunochemical Evidence for Induction of a Common Form of Hepatic Cytochrome P-450 in Rats Treated with Pregnenolone-16 α -carbonitrile or other Steroidal or Non-Steroidal Agents," <i>Molecular Pharmacology</i> , 21:753-760 (1982) |
| | BG | Hollenberg et al., "Primary structure and expression of a functional human glucocorticoid receptor cDNA," <i>Nature</i> , 318(6047):635-641 (1985) |
| | BH | Hollenberg et al., "Colocalization of DNA-Binding and Transcriptional Activation Functions in the Human Glucocorticoid Receptor," <i>Cell</i> , 49:39-46 (1987) |
| | BI | Holtbecker et al., "The Nifedipine-Rifampin Interaction: Evidence for Induction of Gut Wall Metabolism," <i>Drug Metabolism and Disposition</i> , 23(10):1121-1123 (1996) |
| | BJ | Jonat et al., "Antitumor Promotion and Antiinflammation: Down-Modulation of AP-1 (Fos/Jun) Activity by Glucocorticoid Hormone," <i>Cell</i> , 62:1189-1204 (1990) |
| | BK | Juchau, M.R., "Substrate Specificities and Functions of the P450 Cytochromes," <i>Life Sciences</i> , 47:2385-2394 (1990) |
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| | BM | Kliwer et al., "An Orphan Nuclear Receptor Activated by Pregnanes Defines a novel Steroid Signaling Pathway," <i>Cell</i> , 92:73-82 (1998) |
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| | BP | Kyriazopoulou et al., "Rifampicin-Induced Adrenal Crisis In Addisonian Patients Receiving Corticosteroid Replacement Therapy," <i>Journal of Clinical Endocrinology and Metabolism</i> , 59(6):1204-1206 (1984) |

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| FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office | Docket No. SALK2270-1 | Serial No.: 09/227,118 |
| | Applicant(s): Ronald M. Evans | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Filing Date: January 8, 1999 | Group Art Unit 1600/2901 |

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| BS | Lee et al., "Time course of the changes in prednisolone pharmacokinetics after co-administration or discontinuation of rifampin," <i>Eur. Journal of Clinical Pharmacology</i> , 45:287-289 (1993) |
| BT | Li and Evans, "Ligation independent cloning irrespective of restriction site compatibility," <i>Nucleic Acids Research</i> , 25:4165-4166 (1997) |
| BU | Lonning et al., "Plasma Levels of Estradiol, Estrone, Estrone Sulfate and Sex Hormone Binding Globulin in Patients Receiving Rifampicin," <i>J. Steroid Biochem.</i> , 33(4A):631-635 (1989) |
| BV | Mangelsdorf et al., "The Nuclear Receptor Superfamily: The Second Decade," <i>Cell</i> , 83:835-839 (1995) |
| BW | Mangelsdorf and Evans, "The RXR Heterodimers and Orphan Receptors," <i>Cell</i> , 83:841-850 (1995) |
| BX | McAllister et al., "Rifampicin reduces effectiveness and bioavailability of prednisolone," <i>British Medical Journal</i> , 286:923-925 (1983) |
| BY | Miyata et al., "Transcriptional Elements Directing a Liver-Specific Expression of P450/6 β A (CYP3A2) Gene-Encoding Testosterone 6 β -Hydroxylase," <i>Archives of Biochemistry and Biophysics</i> , 318(1):71-79 (1995) |
| BZ | Molowa et al., "Complete cDNA sequence of a cytochrome P-450 inducible by glucocorticoids in human liver," <i>Proc. Natl. Acad. Sci. USA</i> , 83:5311-5315 (1986) |
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| FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office | Docket No. SALK2270-1 | Serial No.: 09/227,718 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Applicant(s): Ronald M. Evans | Filing Date: January 8, 1999 Group Art Unit: 1643 |

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| | CC | O'Malley and Conneely, "Orphan Receptors: In Search of a Unifying Hypothesis for Activation," <i>Molecular Endocrinology</i> , 6:1359-1361 (1992) |
| | CD | Ogura and Evans, "A retinoic acid-triggered cascade of HOXB1 gene activation," <i>Proc. Natl. Acad. Sci. USA</i> , 92:387-391 (1995) |
| | CE | Ohnhaus et al., "Urinary Excretion of 6 β -Hydroxycortisol and the Time Course Measurement of Enzyme Induction in Man," <i>Eur. J. Clin. Pharmacol.</i> , 36:39-46 (1989) |
| | CF | Quattrochi et al., "A Novel cis-Acting Element in a Liver Cytochrome P450 3A Gene Confers Synergistic Induction by Glucocorticoids plus Antiglucocorticoids," <i>Journal of Biological Chemistry</i> , 270 (48):28917-28923 (1995) |
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| | CH | Schuetz and Guzelian, "Induction of Cytochrome P-450 by Glucocorticoids in Rat Liver," <i>Journal of Biological Chemistry</i> , 259(3):1999-2006 (1984) |
| | CI | Schuetz and Guzelian, "Induction of Cytochrome P-450 by Glucocorticoids in Rat Liver," <i>Journal of Biological Chemistry</i> , 259(3):2007-2012 (1984) |
| | CJ | Schule et al., "Functional Antagonism between Oncoprotein c-Jun and the Glucocorticoid Receptor," <i>Cell</i> , 62:1217-1226 (1990) |
| | CK | Selye, H., "Hormones and Resistance," <i>Journal of Pharmaceutical Sciences</i> , 60(1):1-28 (1971) |
| | CL | Sucov et al., "Characterization of an autoregulated response element in the mouse retinoic acid receptor type β gene," <i>Proc. Natl. Acad. Sci. USA</i> , 87:5392-5396 (1990) |
| | CM | Staden, Rodger, "The current status and portability of our sequence banding software," <i>Nucleic Acids Research</i> , 14(1):217-231 (1986) |

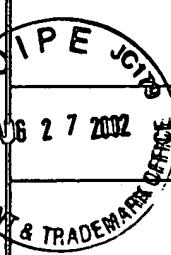
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| FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office | Docket No. SALK2270-1 | Serial No.: 09/227,718 |
| | Applicant(s): Ronald M. Evans | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Filing Date: January 8, 1999 | Group Art Unit: 1643 |

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|  | CN | Terzolo et al., "Misdiagnosis of Cushing's Syndrome in a Patient Receiving Rifampicin Therapy for Tuberculosis," <i>Horm. Metab. Res.</i> , 27:148-150 (1995) |
| | CO | Umesono et al., "Direct Repeats as Selective Response Elements for the Thyroid Hormone, Retinoic Acid, and Vitamin D ₃ Receptors," <i>Cell</i> , 65:1255-1266 (1991) |
| | CP | Watkins et al., "Erythromycin Breath Test as an Assay of Glucocorticoid-inducible Liver Cytochromes P-450," <i>J. Clin. Invest.</i> , 83:688-697 (1989) |
| | CQ | Wietholtz et al., "Stimulation of bile acid 6 α -hydroxylation by rifampin," <i>Journal of Hepatology</i> , 24:713-718 (1996) |
| | CR | Willy et al., "LXR, a nuclear receptor that defines a distinct retinoid response pathway," <i>Genes & Development</i> , 9:1033-1045 (1995) |
| | CS | Wurtz et al., "A canonical structure for the ligand-binding domain of nuclear receptors," <i>Nature Structural Biology</i> , 3:87-94 (1996) |
| | CT | Yang-Yen et al., "Transcriptional Interference between c-Jun and the Glucocorticoid Receptor: Mutual Inhibition of DNA Binding Due to Direct Protein-Protein Interaction," <i>Cell</i> , 62:1205-1215 (1990) |
| | CU | Zawawi et al., "The Effects of Therapy with Rifampicin and Isoniazid on Basic Investigations for Cushing's Syndrome," <i>Ir. j. Med. Sci.</i> , 165:300-302 (1996) |

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Applicant: Evans et al. Art Unit: 1632
Application No.: 09/458,366 Examiner J. Woitach
Filed: December 9, 1999
Title: NOVEL STEROID-ACTIVATED NUCLEAR RECEPTORS AND USES
THEREFOR

| CERTIFICATION UNDER 37 CFR §1.18 | |
|--|-------------------------|
| I hereby certify that the documents referred to as enclosed herein are being hand-delivered on <u>11/29/00</u> to: Commissioner for Patents, Washington, D.C. 20231. | |
| <u>Stephen E. Reiter,</u> | Reg. No.: <u>31,192</u> |
| Name of Person Hand-Delivering Paper | |
| <u>[Signature]</u> | <u>11/29/00</u> |
| Signature | Date |

Box IDS

Commissioner of Patents
Washington, D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.97(c), enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and a copy of each is enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and that such consideration be made of written record in the application file.

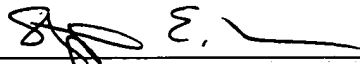
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Applicant: Evans et al.
Application No.: 09/458,366
Filed: December 9, 1999
Page 2

Enclosed is Check No. 460777 in the amount of \$240.00 to cover the Information Disclosure late payment. Please charge and any additional fees associated with the filing submitted herewith or credit any overpayment to Deposit Account No. 07-1895.

Respectfully submitted,

Dated: 11/29/00



Stephen E. Reiter
Registration No. 31,192
Telephone: (858) 677-1409
Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH, LLP
4365 Executive Drive, Suite 1600
San Diego, CA 92121-2189

| | | |
|--|--|----------------------------------|
| FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office | Docket No. (Optional) SALK2270-2 | Serial No.: 09/458,366 |
| | Applicant(s): EVANS ET AL | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Filing Date: DECEMBER 9, 1999 | Group Art Unit: 1632 |

U.S. PATENT DOCUMENTS

| EXAM. INITIALS | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
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| EXAM. INITIALS | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION (YES/NO) |
|-------------------|--|--------------------|---------|---------|-------|---------------|-------------------------|
| | | 99/19354 | 22APR99 | WO | 6 | | |
| | | 99/61622 | 2DEC99 | WO | 6 | | |
| | | 99/489915 | 22SEP99 | WO | 6 | | |
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